

SANYO

No.4708

GMA02

Silicon Epitaxial Planar Type

Very High-Speed Switching Diode

Features

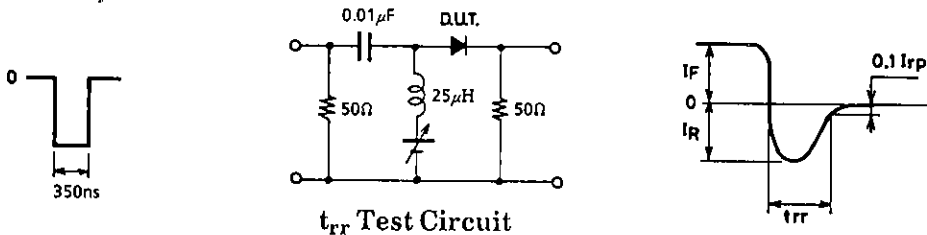
- Glass sleeve structure
- Allowable power dissipation : $P = 300\text{mW}$ max.
- Interterminal capacitance : $C = 3.0\text{pF}$ max.
- Breakdown voltage : $V_R = 220\text{V}$.

Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

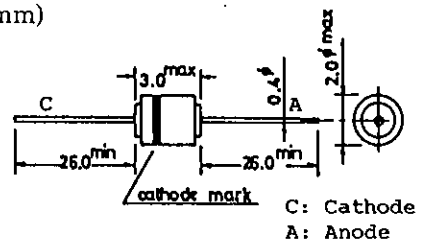
			unit
Peak Reverse Voltage	V_{RM}	250	V
Reverse Voltage	V_R	220	V
Peak Forward Current	I_{FM}	625	mA
Average Rectified Current	I_o	200	mA
Surge Forward Current	I_{FSM} 1s pulse	1000	mA
Allowable Power Dissipation	P	300	mW
Junction Temperature	T_j	175	$^\circ\text{C}$
Storage Temperature	T_{stg}	-65 to +175	$^\circ\text{C}$

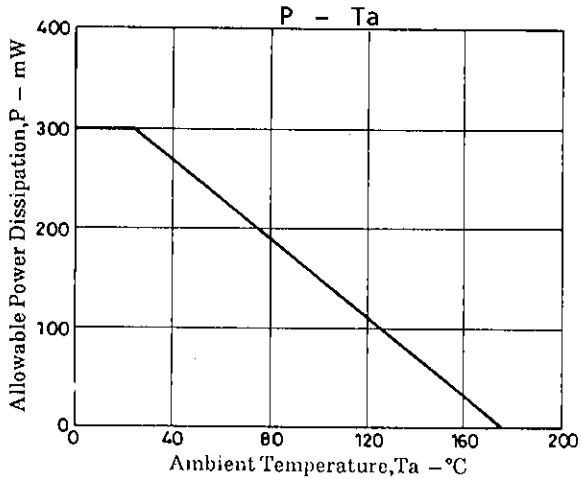
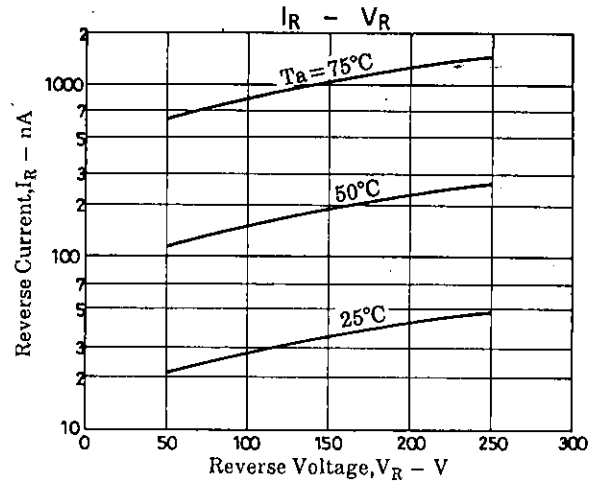
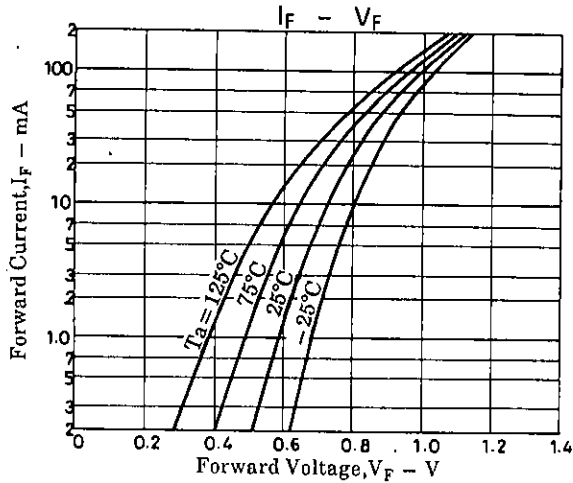
Electrical Characteristics at $T_a = 25^\circ\text{C}$

			min	typ	max	unit
Forward Voltage	V_F	$I_F = 200\text{mA}$			1.5	V
Reverse Current	I_R	$V_R = 220\text{V}$			10	μA
Interterminal Capacitance	C	$V_R = 0\text{V}, f = 1\text{MHz}$			3.0	pF
Reverse Recovery Time	t_{rr}	$I_F = I_R = 20\text{mA}, R_L = 50\Omega$			75	ns



Package Dimensions 1114
(unit : mm)





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